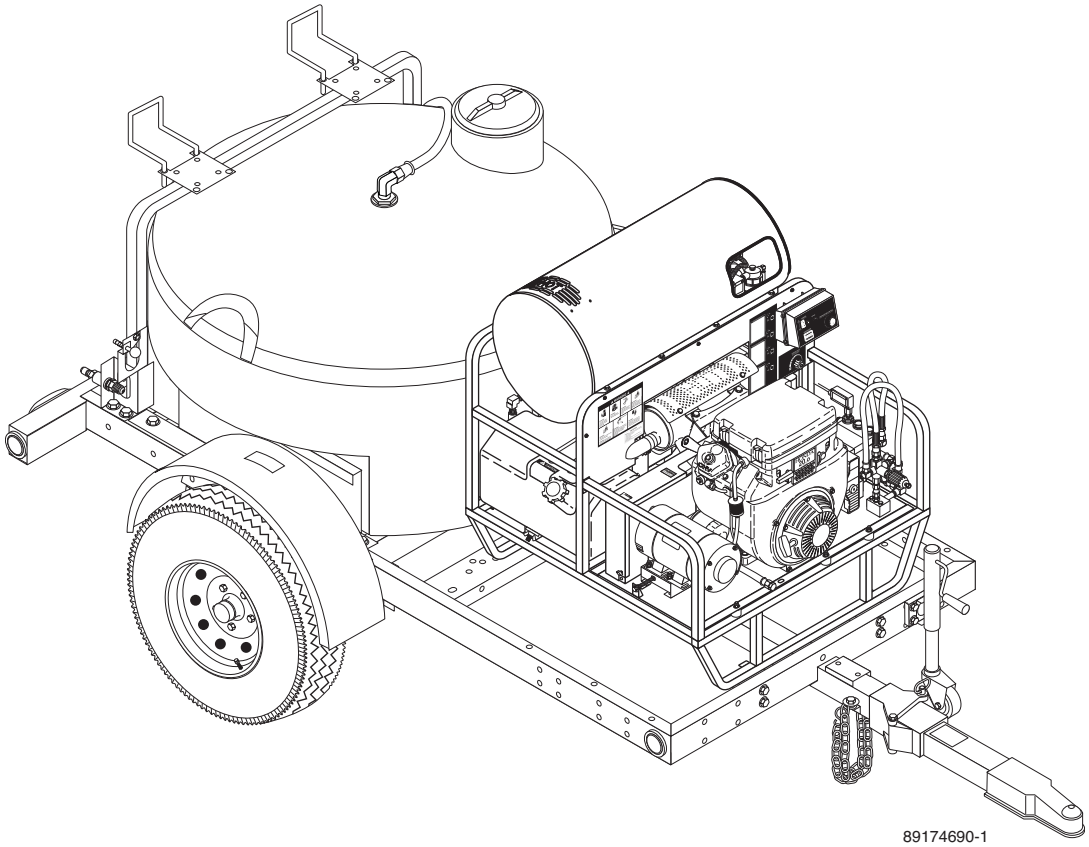
KÄRCHER®

Shark Pressure Washers

TRAILER SERVICE MANUAL

■ TRS-2500



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To locate your local Kärcher Shark Commercial Pressure Washer Dealer nearest you,
visit www.karchercommercial.com or www.karchershark.com

8.917-469.0

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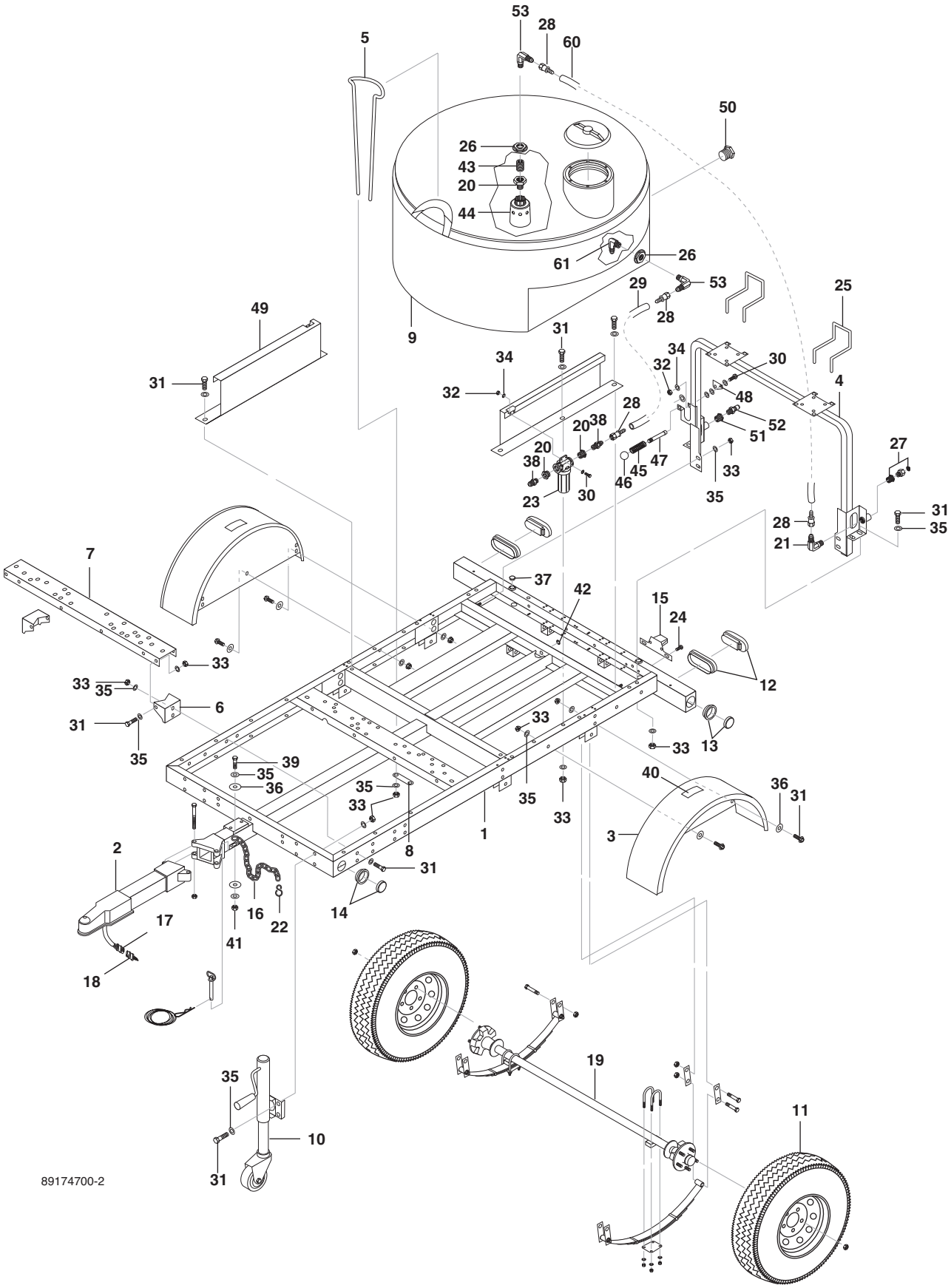
Model Number _____

Serial Number _____

Date of Purchase _____

The model and serial numbers will be found on a decal attached to the machine. You should record both serial number and date of purchase and keep in a safe place for future reference.

TRS-2500 TRAILER EXPLODED VIEW



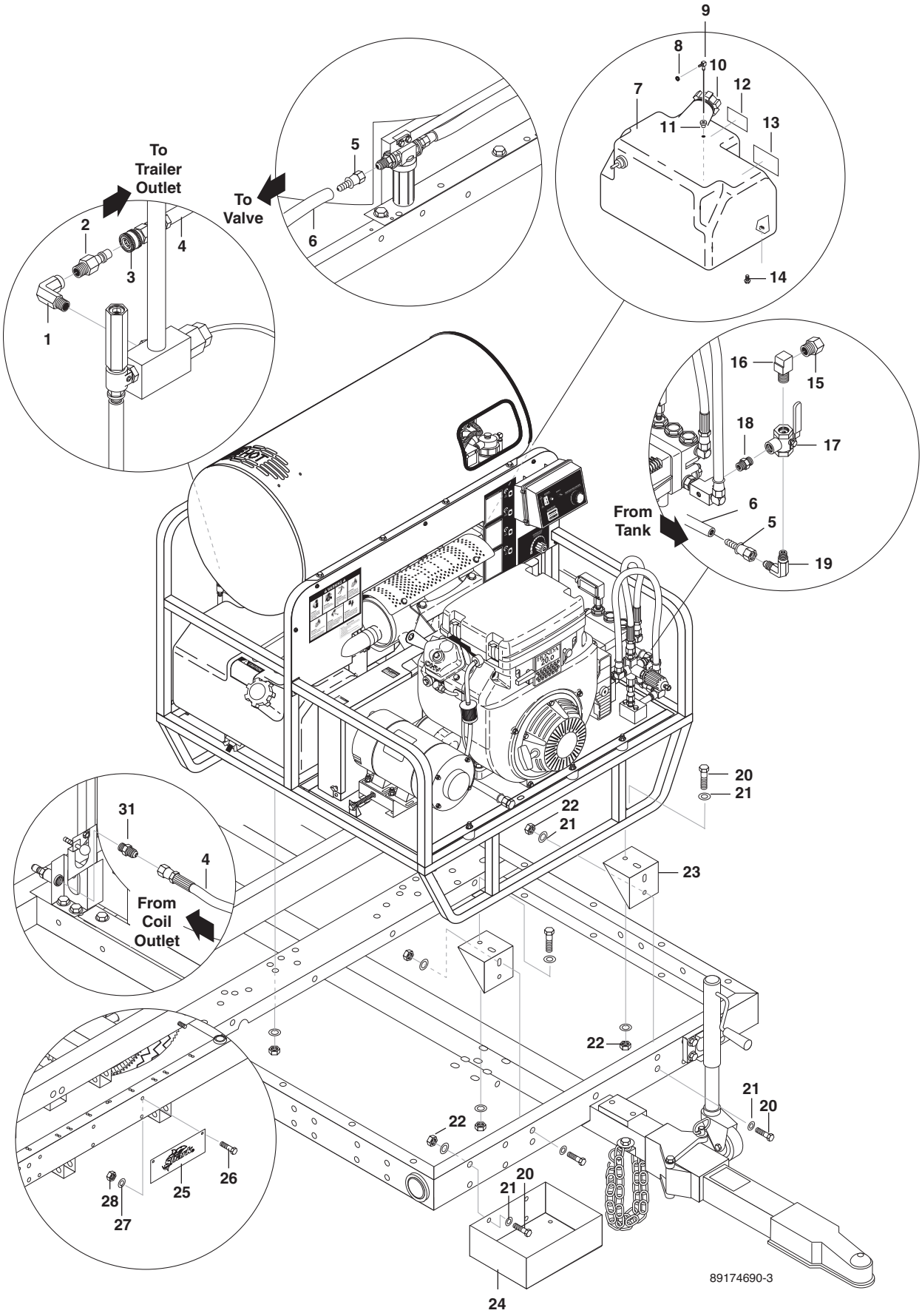
TRS-2500 TRAILER EXPLODED VIEW PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	8.917-302.0	Wlmt, Frame, Trailer, 3000#	1
2	8.917-303.0	Wlmt, Tongue, Hinged	1
	8.917-535.0	Wlmt, Tongue, Hinged, Hydraulic Coupler	1
3	8.917-304.0	Fender, w/Back, 15", Painted	2
4	8.917-305.0	Wlmt, Hoop, Hose Reel	1
5	8.725-543.0	Rod, Tie-down, Tank	1
6	8.917-325.0	Bracket, Skid Mount, Adj.	2
7	8.917-326.0	Channel, Skid Mount, Adj.	1
8	8.917-341.0	Bar, Tank Tie-down	1
9	8.725-525.0	Tank, Water, 200 Gal	1
10	8.725-534.0	Jack, Swivel w/Caster, 1000 lb	1
11	8.725-529.0	Wheel/Tire Assy, 15" ST205/75d15 TI	2
12	8.725-530.0	Lamp, Tail, 3-Way	2
13	8.725-531.0	Lamp, Side Marker, Red	2
14	8.725-532.0	Lamp, Side Marker, Amber	2
15	8.725-533.0	Lamp, License w/holder	1
16	8.707-497.0	Chain, 5/16 Zinc Plated 2 x 45" Long	7.5 ft
17	8.725-536.0	Connector, Socket, 4-Flat	1
	8.707-510.0	Connector, Socket, 7-Prong (Electric Brakes)	1
18	8.725-537.0	Plug, 4-Flat	1
	8.707-511.0	Plug, 7-Prong (Electric Brakes)	1
19	8.725-538.0	Axle, 3500 lb., 57", Idler	1
	8.725-540.0	Axle, 3500 lb., 57" Electric Brakes	1
	8.725-539.0	Axle, 3500 lb., 57" Hydraulic Brakes	1
20	8.706-412.0	Bushing, 1" x 3/4" MT x FT, PVC80 Speers O	3
21	9.802-132.0	Elbow, 3/4" JIC x 1/2", 90°	1
22	8.707-498.0	Hook, "S", 5/16" Zinc Plated	2
23	8.707-526.0	Strainer, 1" T Line, Trailers	1
24	9.802-798.0	Screw, #10 x 1/2" Tek Hex Head"	2
25	8.719-946.0	Hanger, Hose	2
26	9.802-052.0	Bulkhead, 3/4" Polypro	2
27	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF w/Strainer	1
28	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on"	4
29	9.802-261.0	Hose 3/4", Push-on	24"
30	9.802-701.0	Bolt, 1/4" x 1" Hex Head Zinc Grade	3
		(Break Away)	6
31	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	34
32	9.802-773.0	Nut, 1/4-20 ESNA NC	3
		(Break Away)	6

ITEM	PART #	DESCRIPTION	QTY
33	9.802-779.0	Nut 3/8"	40
34	9.802-802.0	Washer, 1/4" Flat SAE Zinc	10
		(Break Away)	12
35	9.802-807.0	Washer, 3/8" Flat	68
36	9.802-812.0	Washer, 3/8" x 1-1/2", Fender, SAE	14
37	8.706-738.0	Plug, 3/4", Hole	2
38	8.706-899.0	Nipple, 3/4" JIC x 3/4" Pipe	2
39	8.718-661.0	Bolt, 3/8" x 1-1/2", NC, HH, SS	2
40	8.900-522.0	Label, CLP Warning, Do Not Stand or Step	2
41	9.802-780.0	Nut, 3/8" Stainless, ESNA, NC	2
42	8.706-731.0	Bushing, 3/4" Snap Heyco	7
43	8.706-369.0	Nipple, 3/4", PVC 80, Close	1
44	8.710-036.0	Float Valve 1" Hudson 150d 130 PSI	1
45	8.718-592.0	Screw,1/4" x 1-1/4" Shdr, 10-24 Thds	1
46	8.719-079.0	Knob, Black Plastic, 10-24 Thds	1
47	8.719-112.0	Spring, 0.31OD x 1.0, Steel, Gen Wire J-1450	1
48	8.917-463.0	Latch, Wand Holder	1
49	8.917-319.0	Bracket, Alignment, Tank	2
50	8.706-395.0	Plug, 2", PVC 80	1
51	8.706-294.0	Bushing, 1/2" x 3/8", Steel	1
52	9.802-171.0	Nipple, 3/8" x 3/8" NPT ST Male	1
53	9.803-557.0	Elbow, 3/4 JIC x 3/4	2
54	8.725-541.0	▲ Hydraulic Line Kit (Hydraulic Brakes)	1
55	8.725-707.0	▲ Bolt, 1/2" x 4-1/2" Grade 5 (Hydraulic Brakes)	2
56	8.718-829.0	▲ Nut, 1/2" ESNA (Hydraulic Brakes)	2
57	9.802-809.0	▲ Washer, 1/2" SAE (Hydraulic Brakes)	4
58	8.912-403.0	▲ Bracket, Break Away (Break Away)	1
59	8.707-480.0	▲ Coupler, 2" Hydraulic Actuator (Hydraulic Brakes)	1
60	9.802-261.0	Hose, 3/4 Push-on	51"
61	8.706-890.0	Elbow, 1/2" JIC x 3/4"	1

▲ Not Shown

TRAILER WITH SSG WASHER

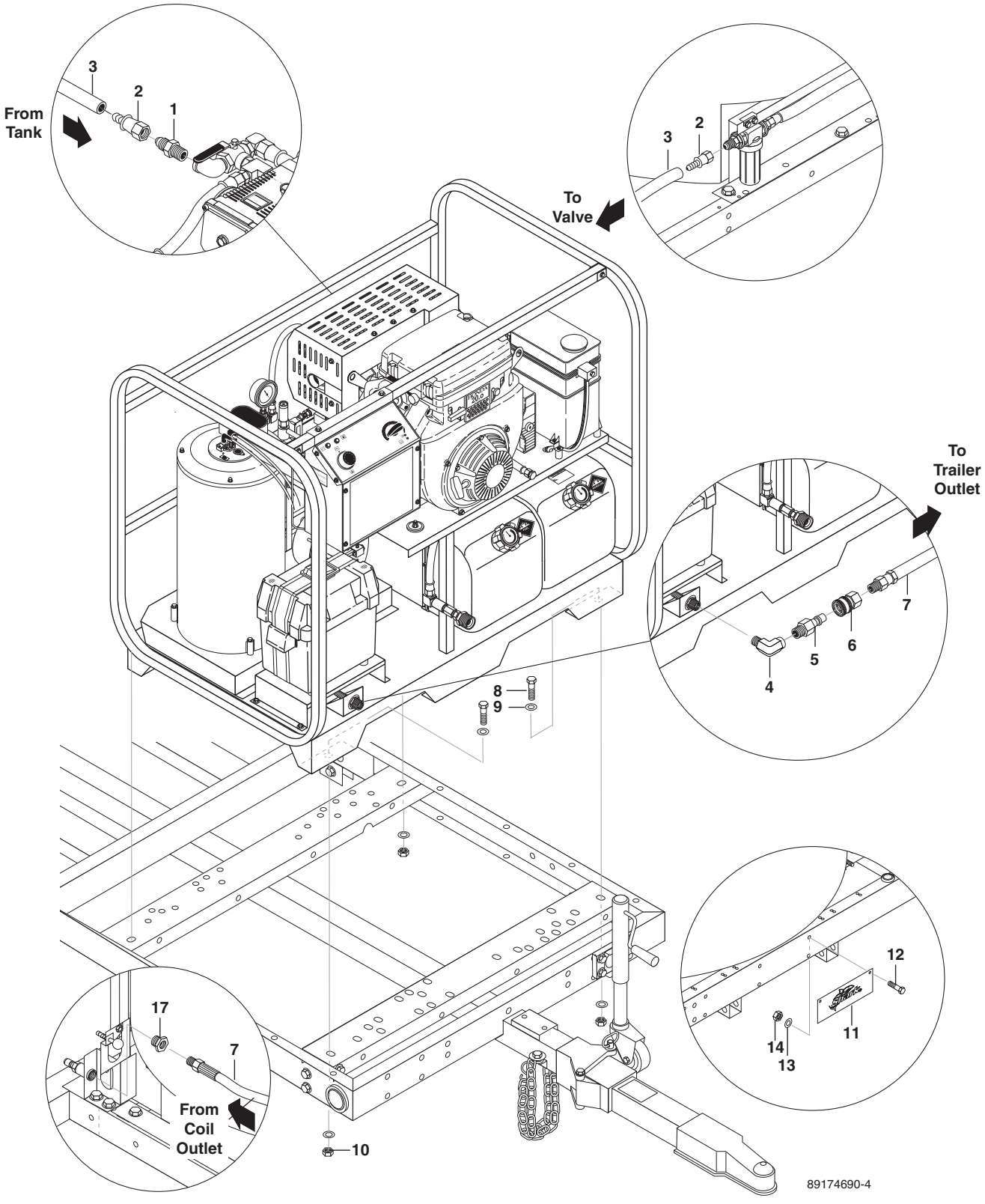


TRAILER WITH SSG WASHER PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	8.706-207.0	Elbow, 3/8", Street 90°, Steel	1
2	9.802-171.0	Nipple, 3/8" x 3/8" NPT ST Male	1
3	9.802-166.0	Coupler, 3/8" Female, Brass	1
4	8.711-708.0	Hose, 1/2" x 90" 2 Wire, Pressure Loop	1
5	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on	2
6	9.802-261.0	Hose 3/4"	3.417 ft
7	8.706-615.0	Tank, Fuel 8 Gal (All Models Except 600.0)	1
8	9.802-204.0	Clamp, Hose, CL13 (All Models Except 600.0)	1
9	9.802-056.0	Dip Tube Assy, Plastic, 10.75" Long (All Models Except 600.0)	1
10	9.802-089.0	Cap, Fuel Tank, Plastic H60-AV (All Models Except 600.0)	1
11	9.802-053.0	Bushing, Fuel Line, Rubber (All Models Except 600.0)	1
12	9.800-008.0	Label, Danger Cool Engine (All Models Except 600.0)	1
13	9.800-001.0	Label, This Tank For Gas Only (All Models Except 600.0)	1
14	9.802-754.0	Screw, 1/4" x 1/2" NC, Whiz Loc Flange (All Models Except 600.0)	4
15	9.802-146.0	Swivel, 1/2" MP x 3/4" GHF w/Strainer	1
16	8.706-829.0	Elbow, 1/2" Street, Brass	1
17	8.707-212.0	Valve, 1/2" Brass, 3-Way Ball	1
18	8.706-790.0	Nipple, 1/2" Close	1
19	9.802-132.0	Elbow, 3/4" JIC x 1/2" MPT, 90°	1
20	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	12
21	9.802-807.0	Washer, 3/8" Flat	24
22	9.802-779.0	Nut 3/8"	12
23	8.916-565.0	Bracket, Mounting	2
24	8.917-495.0	Bracket, Battery Mount	1
25	8.917-328.0	Plate, Shark, S.S.	1
26	8.718-607.0	Bolt, Carriage,1/4-20 x 3/4	2
27	9.802-802.0	Washer, 1/4" Flat SAE Zinc	2
28	8.917-294.0	Nut, 1/4-20 ESNA NC	2
29	9.802-204.0	▲ Clamp, Hose, CL13	1
30	9.802-799.0	▲ Screw, #14 x 1", Tek, Blk., Zinc	1
31	9.802-038.0	Nipple, 1/2" JIC x 1/2" Steel	1

▲ Not Shown

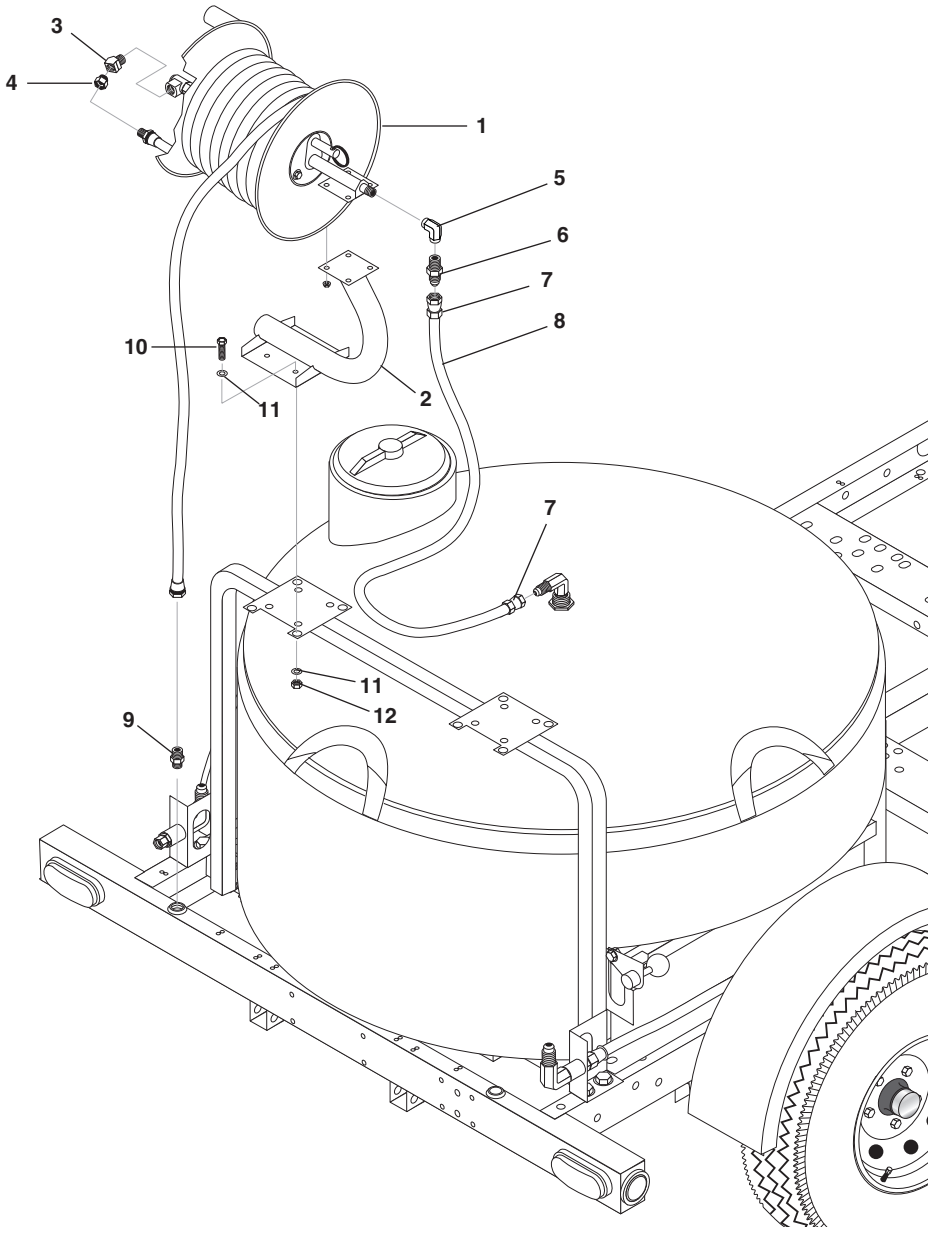
TRAILER WITH CLASSIC SKID WASHER



TRAILER WITH CLASSIC SKID WASHER PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	8.706-899.0	Nipple, 3/4" JIC x 3/4" Pipe	1
2	9.802-152.0	Swivel, 3/4" SAE Fem, Push-on	2
3	9.802-261.0	Hose 3/4"	5 ft
4	8.706-207.0	Elbow, 3/8", Street 90°, Steel	1
5	9.802-171.0	Nipple, 3/8" x 3/8" NPT ST Male	1
6	9.802-166.0	Coupler, 3/8" Female, Brass	1
7	8.711-640.0	Hose, 3/8" x 125", 2 Wire, Swivel x Swivel	1
8	9.802-722.0	Bolt, 3/8" x 1-1/4", NC HH	4
9	9.802-807.0	Washer, 3/8" Flat	8
10	9.802-779.0	Nut 3/8"	4
11	8.917-329.0	Plate, Karcher, S.S.	1
12	8.718-607.0	Bolt, Carriage,1/4-20 x 3/4	2
13	9.802-802.0	Washer, 1/4" Flat SAE Zinc	2
14	9.802-773.0	Nut, 1/4-20 ESNA NC	2
15	9.802-204.0	▲ Clamp, Hose, CL13	1
16	9.802-799.0	▲ Screw, #14 x 1", Tek, Blk., Zinc	1
17	8.706-294.0	Bushing, 1/2" x 3/8" Steel	1

OPTIONAL HOSE REEL LOW PRESSURE 8.917-555.0



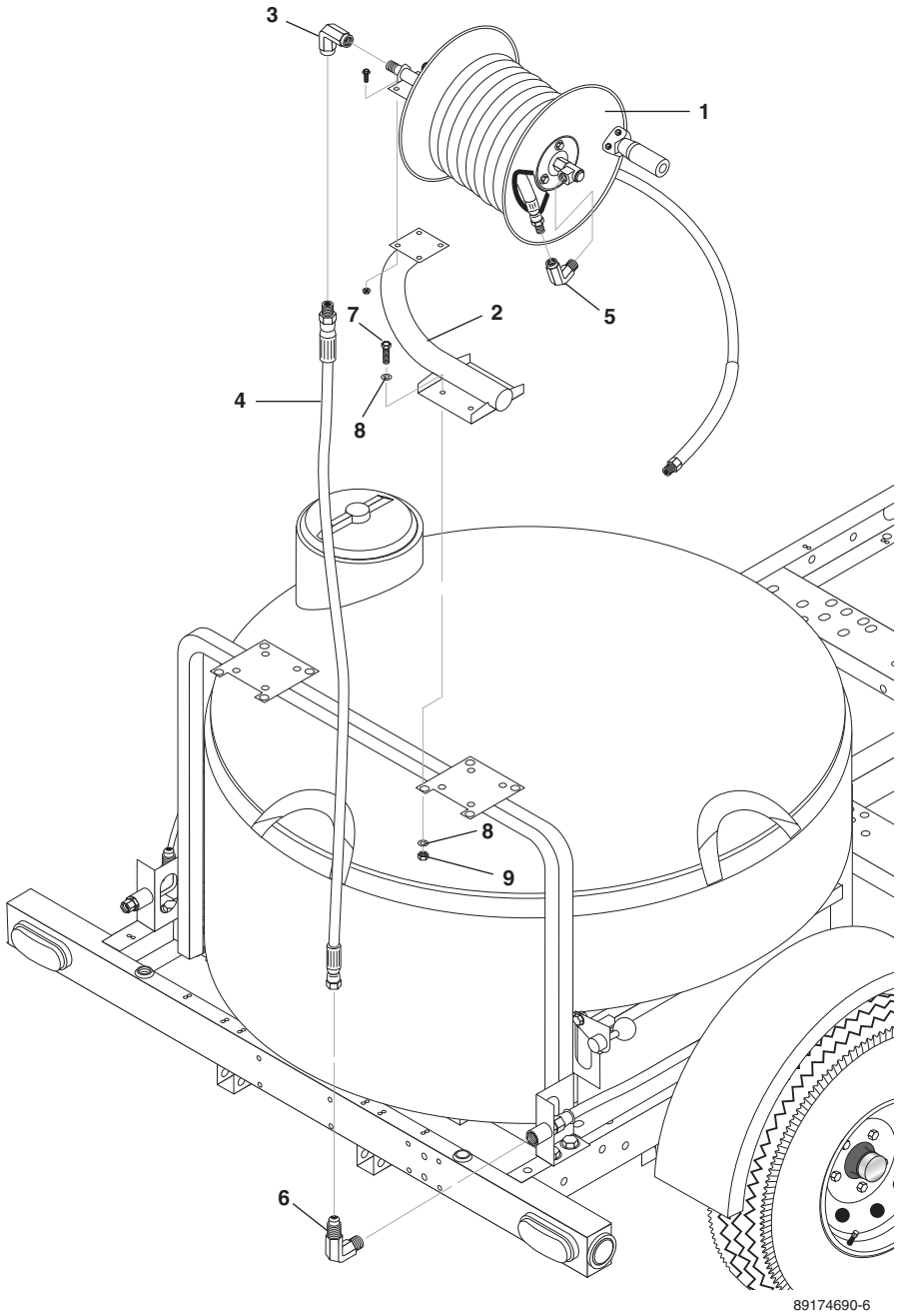
OPTIONAL HOSE REEL LOW PRESSURE PARTS LIST

ITEM	PART #	DESCRIPTION	QTY
1	8.711-191.0	Hose Reel, Bolt on 100' x 3/8" Non-Pivot	1
2	8.711-883.0	Base, 4000 Reel Quick, Hardware Included	1
3	8.706-834.0	Elbow 3/8" Street, 45 DGR"	1
4	9.802-147.0	Swivel, 3/8" MP x 3/4" GHF W/Strrainer	1
5	8.706-820.0	Elbow, 1/2" Female, Brass	1
6	8.706-902.0	Nipple, 3/4" JIC x 1/2" PIPE	1

ITEM	PART #	DESCRIPTION	QTY
7	9.802-152.0	Swivel, 3/4" FEM, Push-on	2
8	9.802-261.0	Hose, 3/4" Push-on, /FT	40"
9	8.706-968.0	Nipple, 1/2" MPT x 3/4"GHM	1
10	9.802-722.0	Bolt, 3/8" x 1-1/4"	4
11	9.802-807.0	Washer, 3/8" SAE, Flat Zinc	8
12	9.802-779.0	Nut, 3/8", ESNA	4

Note: Garden hose not included

OPTIONAL HOSE REEL HIGH PRESSURE 8.917-554.0

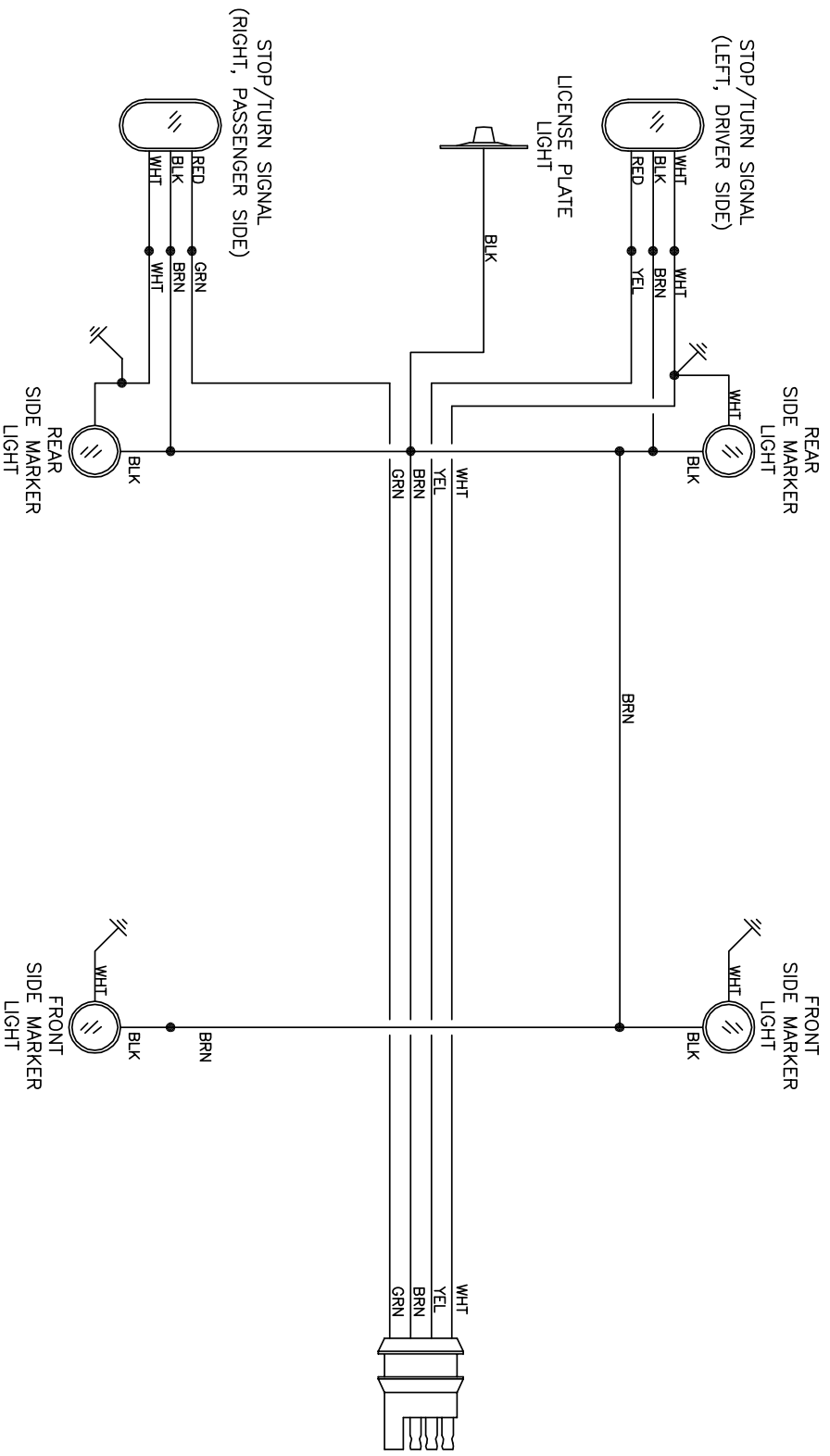


OPTIONAL HOSE REEL HIGH PRESSURE PARTS LIST

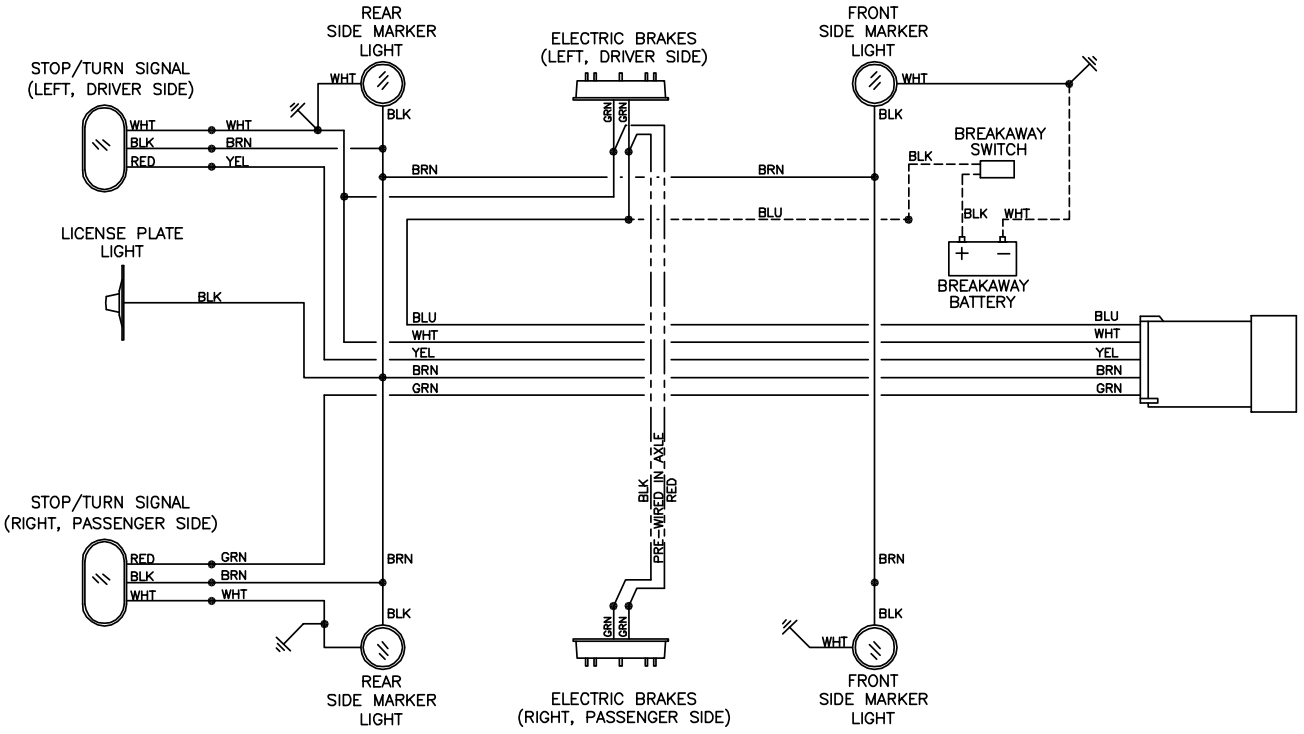
ITEM	PART #	DESCRIPTION	QTY
1	8.711-191.0	Hose Reel, Bolt on 100' x 3/8" Non-Pivot	1
2	8.711-883.0	Base, 4000 Reel Quick, Hardware Included	1
3	8.706-172.0	Elbow 1/2", 90° Female Pipe	1
4	8.711-675.0	Hose, 3/8" x 48, 2W, 1/2" FEM JIC x 1/2" MALE	1
5	8.706-207.0	Elbow, 3/8" , Street, 90°, Steel	1
6	9.802-040.0	Elbow, 1/2" , JIC , 1/2, 90°,	1

ITEM	PART #	DESCRIPTION	QTY
7	9.802-722.0	Bolt, 3/8" x 1-1/4"	4
8	9.802-807.0	Washer, 3/8" SAE, Flat Zinc	8
9	9.802-779.0	Nut, 3/8", ESNA	4

WIRING DIAGRAM



WIRING DIAGRAM

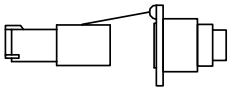


TRAILER

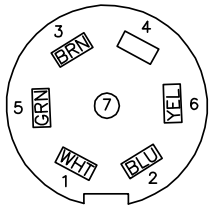
(#1–WHITE) COMMON GROUND TO FRAME
(#2–BLUE) ELECTRIC BRAKE
(#3–BROWN) TAIL,RUNNING,LICENSE LIGHTS
(#4–N/A) AUXILIARY,DOME,CHARGE LINE, (NOT USED)
(#5–GREEN) RIGHT STOP & TURN LIGHTS
(#6–YELLOW) LEFT STOP & TURN LIGHTS
(#7–N/A) AUXILIARY (NOT USED)

TOW VEHICLE

(#1) COMMON GROUND
(#2) ELECTRIC BRAKE
(#3) TAIL,RUNNING,LICENSE LIGHTS
(#4) AUXILIARY,DOME,CHARGE LINE
(#5) LEFT STOP & TURN LIGHTS
(#6) RIGHT STOP & TURN LIGHTS
(#7) AUXILIARY (NOT USED)



7–CIRCUIT RECEPTACLE



VIEW LOOKING AT WIRE SIDE OF TRAILER RECEPTACLE

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